

## VALIDATION NOTES

### COMBAT OPERATIONS LOSS and EXPENDITURE DATA-VIETNAM

#### AMMUNITION EXPENDITURES, 1968, 1969, 1970:

Codes for the Sub-Unit ID (UIC), fields 1-5, and codes for the Major Commands (UIC), fields 15-21, are missing. However the Sub-Unit name, fields 6-20, and Major Command Name, fields 26-40, are written in full so the utility is not affected.

Fields 63-66, JULIAN DATE of ACTION, has four digits. The first digit in Ammunition Expenditures, 1968, 1969, and 1970, is the year in which the action took place and the Julian date follows. 8123, for example, would translate into May 2, 1968.

#### AMMUNITION EXPENDITURES, 1969, 1970:

Fields 53-62 are listed in the record layout as being empty. The sample dump for these years, however, shows recurring characters in these fields for which an explanation does not exist.

#### LOSS DATA-END ITEMS:

Fields 1-2, MAJOR UNIT ID, are empty on some records. The Machine-readable Branch does not have codes for these fields. Fields 41-45, ITEM AGE, does not always have the year of manufacture of the item. If the year is given in these fields, it is preceded in field 41 by a "Y". Thus, if the item were built in 1967, the fields would read "Y1967". If the item was a motorized vehicle the age is given in miles used before the loss occurred. If the item was an aircraft the age is determined by hours flown. To determine this, fields 102-131 contain the ITEM FULL NAME.

The "COLED-V Coding Legends and Explanations for Item Losses," indicates that four types of reports were generated by these data. They are: (1) Combat Loss [CL]; (2) Non-Combat Loss [NC]; (3) Evacuation to Rebuild Depot [NR]; (4) Rebuild Report [RB]. Machine validation on fields 46-47, STATUS, using SAS, disclosed that only Combat Loss [CL] and Non-Combat Loss [NC] data were recorded. Thus if the items were sent to a rebuild depot or rebuilt these data would not be found in these records.

Using information extracted from USARV Form 2408-7, the combat loss and non-combat loss data were originally placed onto a Punch Card Format. The data were then reformatted onto the Tape Format. Even though the data are the same, the field locations on the Punch Card Format and the Tape Format are not. The utility of the data is not compromised.

ORGANIZATION NAME FILE:

The Machine-readable Branch does not have codes for the following: (1) MAJOR COMMAND Codes, fields 1-2.

(2) SUB-UNIT UIC, fields 21-23.

(3) COMPANY DESIGNATION, fields 24-25.

However, the FULL NAME OF COMMAND is given in fields 8-20 so the data are not compromised.

Codes for UNIT BRANCH, fields 41-42, are the same as those in the END ITEMS data set.